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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Robert J. Laferriere et al.

Serial No.:

09/682,238

Filed:

August 8, 2001

For:

PLATFORM INDEPENDENT

TELECOLLABORATION MEDICAL ENVIRONMENTS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Group Art Unit:

3713

Examiner:

Saadat, Cameron

Atty. Docket: GEMS:0136/YOD/SWA/

15-SV-5654

CERTIFICATE OF TRANSMISSION OR MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office in accordance with 37 C.F.R. 1.6(d) or is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Bux 1450, Alexandria, VA 22313-1450, on the date below:

4-26-0

Date

Sir:

DECLARATION OF ROBERT LAFERRIERE UNDER 37 C.F.R. § 1.131

I, Robert Laferriere, hereby declare as follows:

- I am a co-inventor of record of the above-referenced application.
- My residence address is set forth below, along with my signature.
- 3. We conceived the subject matter disclosed and claimed in the above-referenced application at least as early as March 2000. This conception is evidenced by the document labeled "GE Medical Systems: Mercury," which includes a description of the platform independent telecollaboration environments as set forth in the claims of the above-referenced application. This document was prepared at least as early as March 2000. A true and redacted copy of this document is attached hereto as Exhibit A.
- 4. We actually reduced to practice the subject matter disclosed and claimed in the above-referenced application at least as early as March 2000. This actual reduction to practice is

GEMS:0136/YOD/SWA
Declaration Under 37 CFR § 1.131

also evidenced by the document labeled "GE Medical Systems: Mercury," which records successful completion of a prototype of the platform independent telecollaboration environments at least as early as March 2000.

I declare further that all statements made herein are of my own knowledge, are true and that all statements made on information and belief are believed to be true, and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Dated: 4/26/2004

By

Robert Laferriere

Declarant's Full Name:

Robert Laferrierc

Country of Citizenship:

U.S.A.

Residence Address:

11817 N. Bridgewater Drive

Mequon, WI 53092

PROJECT OBJECTIVES

Develop Prototype:

- 10 To enable telecollaboration between customers and OLEs for sited DI systems with network connectivity
 - downtime (process and equipment) through an • 2° - To maximize system uptime and minimize increased rate of remote service.

BUSINESS CASE

Benefits:

- Modality independent solution
- · Positive impact on customer's operating model Timely and value-added OEM response

Potential Financial Impact:

- Revenue growth with new offering
- Lower operating cost for apps support
 - Increased market share

SCOPE

In Scope:

- IRIX platform
- Remote control standards into LifeCycle/2 Service System Requirements as input to modality roadmaps.
 - Architecture risk retirement

Out of Scope:

- Product Requirements
 - · Formal product design
- · Formal Product Business Case

PROJECT TEAM and MILESTONES Bob Laferriere Team Members:

R1 06/21/00 R0 03/16/00 区

R2 06/21/00 ष्ट्रव्य

R3 08/23/00

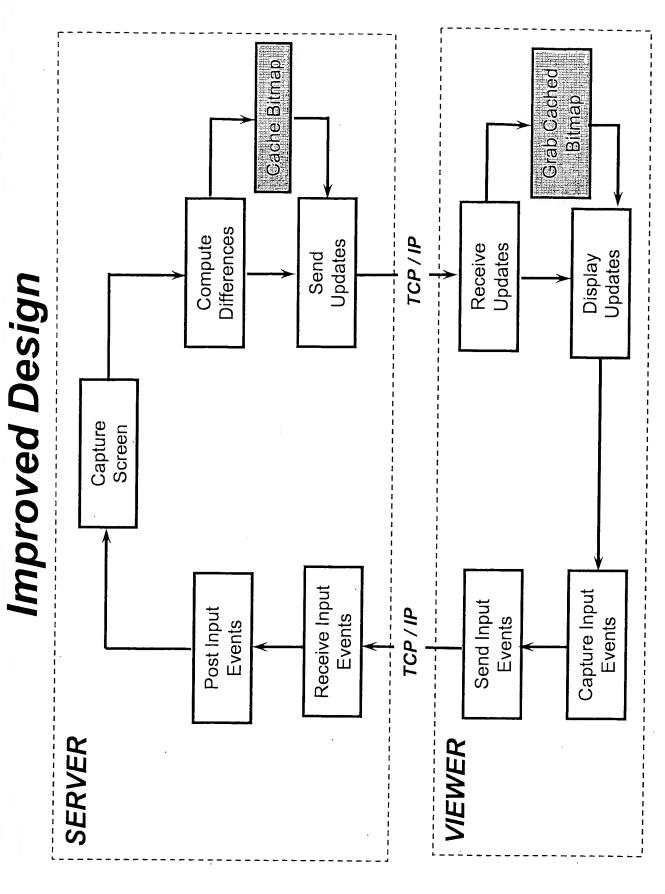
R4 08/23/00

Define

Screen Capture Concept Design Differences Compute Send Updates TCP/IP Receive Updates Display Updates Capture Screen Receive Input Capture Input Send Input Post Input Events TCP/IP Events Events Events SERVER VIEWER

Analyze

×



Design

2 Phased Communication Protocol

sequence a client and server go through to create This shows the a connection. initialization Client RFB Authorization Reply (if needed) RFB Request Framebuffer Update RFB Server Initialization Message RFB Client Initization Message RFB Set Pixel Format Message RFB Authorization Message RFB Set Encoding Message RFB Version Message RFB Version Reply < connect >>

noitasilaitinl

Client Messages: Key Event, Button Event, Motion Event, Framebuffer Update Requst, etc...

will continue to pass messages back and forth.

From this point forward, the client and server

At this point the initialization is completed.

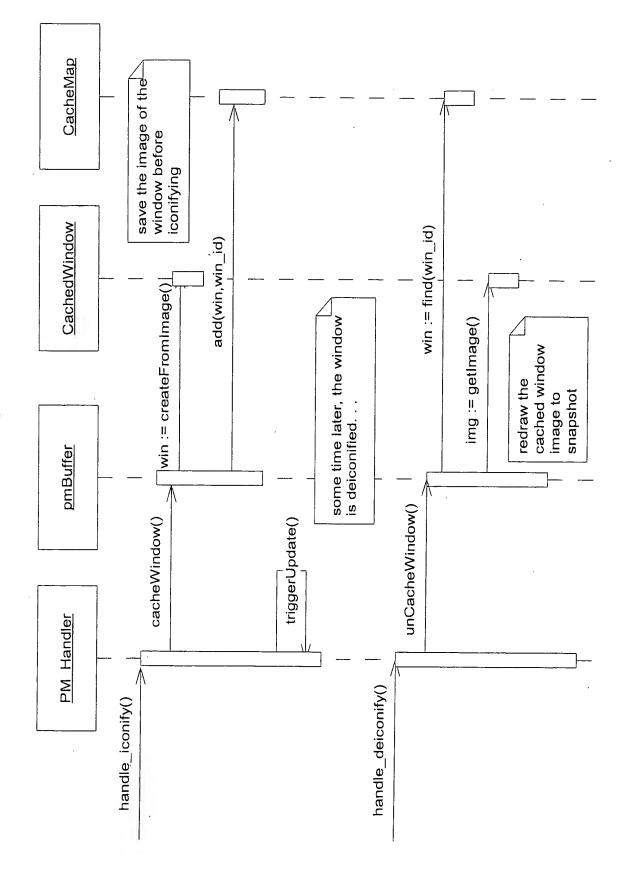
Server Message: Framebuffer Update, Cache Window Event, etc...

<< disconnect >>

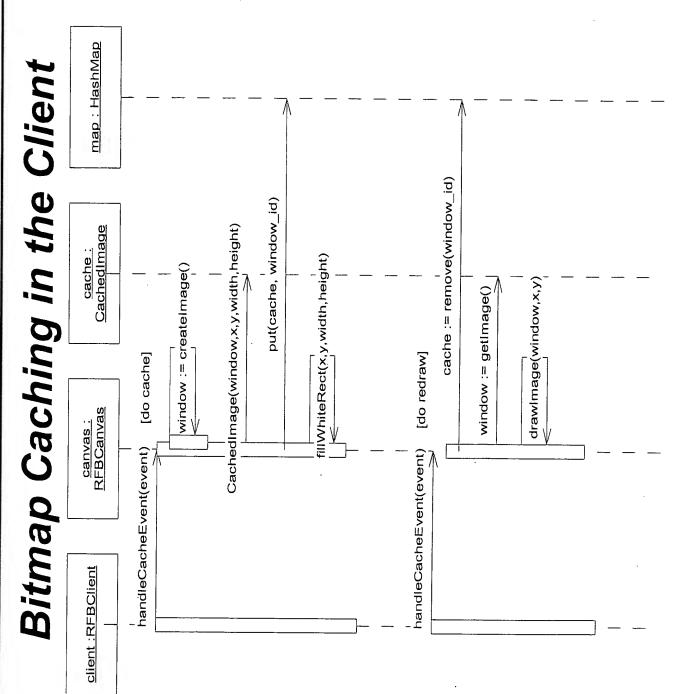
Collaboration

Design

Bitmap Caching in the Server



Design



Design